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PATENT APPLICATION
Attorney Docket No. 21465-501 CIP

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a utility patent is sought on the invention entitled:

METHOD OF SEQUENCING A NUCLEIC ACID

the specification of which was filed on September 18, 2000 as United States non-provisional application USSN 09/664,197.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| Application No. (U.S.S.N.) | Filing Date (dd/mm/yy) | Status (Patented, Pending, Abandoned) |
|-------------------------------|---------------------------|--|
| 09/363,833 | September 16, 1999 | Pending |

Applicant: Rothberg et al.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| Attorney or Agent | Registration No. | Attorney or Agent | Registration No. |
|--------------------------|-------------------------|--------------------------|-------------------------|
| Kevin Ainsworth | 39,586 | Kristin E. Konzak | 44,848 |
| Ingrid Beattie | 42,306 | Cynthia Kozakiewicz | 42,764 |
| Naomi Biswas | 38,384 | Barry Marenberg | 40,715 |
| David F. Crosby | 36,400 | William Marino | 44,219 |
| Brett N. Dorny | 35,860 | A. Jason Mirabito | 28,161 |
| Marianne Downing | 42,870 | Michel Morency | Limited Recognition |
| Ivor R. Elrifi | 39,529 | Bradley Olson | 40,750 |
| Heidi A. Erlacher | 45,409 | Carol H. Peters | 45,010 |
| Christina Gadiano | 37,628 | Michael Renaud | 44,299 |
| John A. Harre | 37,345 | Brian Rosenbloom | 41,276 |
| Shane Hunter | 41,858 | Thomas M. Sullivan | 39,392 |
| David E. Johnson | 41,874 | Howard Susser | 33,556 |
| Kris Kalidindi | 41,461 | Shelby J. Walker | 45,192 |
| Christina Karnakis | 45,899 | | |
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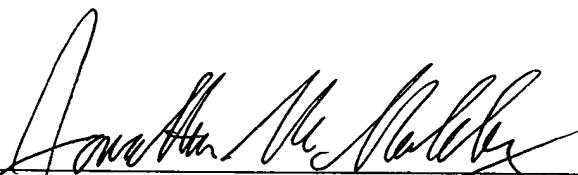
all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number (617) 348-1747. Address all correspondence to:

Ivor R. Elrifi
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Boston, Massachusetts 02111

Applicant: Rothberg et al.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.



Signature of Jonathan M. Rothberg

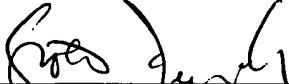
Date

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Post Office Address: same

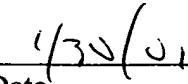
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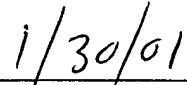

Signature of Scott B. Dewell

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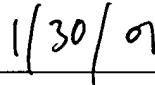

Signature of Keith McDade

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Post Office Address: same


Date


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Date

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2/6/2001

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Signature of Jonathan M. Rothberg

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February 7, 2021

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Date

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